

Table 8.1 - Electricity Sales

(Billion Kilowatthours)

| | <u>1980</u> | <u>1990</u> | <u>1999</u> | <u>2000</u> | <u>2010</u> | <u>2020</u> |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Residential | 717 | 924 | 1,145 | 1,193 | 1,443 | 1,672 |
| Commercial | 488 | 751 | 1,104 | 1,144 | 1,475 | 1,798 |
| Industrial | 815 | 946 | 1,058 | 1,071 | 1,230 | 1,415 |
| Transportation/Other ¹ | 74 | 92 | 17 | 18 | 23 | 32 |
| Total Sales ² | 2,094 | 2,713 | 3,324 | 3,426 | 4,171 | 4,917 |
| Nonutility Direct Use | NA | 84 | 153 | 147 | 190 | 228 |

Sources: EIA, *Annual Energy Outlook 2002*, DOE/EIA-0383 (2002), (Washington, D.C., December 2001), Table A8 and EIA, *Annual Energy Review 2000*, DOE/EIA-0384(2000) (Washington, D.C., August 2001), Table 8.12.

Notes:

¹ Other included public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales until 1998, when included in Commercial. Transportation electricity use reporting starts in 1999.

² Includes nonutility sales of electricity to utilities for distribution to end-users. Beginning in 1996, also includes sales to ultimate consumers by power marketers.

Table 8.2 - Demand-Side Management

| | <u>1980</u> | <u>1990</u> | <u>1999</u> | <u>2000</u> |
|---|-------------|-------------|-------------|-------------|
| Load Management Peakload Reductions (MW) ¹ | NA | 7,911 | 13,003 | 10,048 |
| Energy Efficiency Peakload Reductions (MW) ² | NA | 5,793 | 13,452 | 12,873 |
| Total Peakload Reductions (MW) | NA | 13,704 | 26,455 | 22,921 |
| Energy Savings (Million kWh) | NA | 20,458 | 50,563 | 53,768 |
| Costs (Million 2000 \$) | NA | 1,456 | 1,453 | 1,631 |

Sources: EIA, *Annual Energy Review 2000*, DOE/EIA-0384(2000) (Washington, D.C., August 2001), Table 8.13 (through 1999), and <http://www.eia.doe.gov/cneaf/electricity/page/eia861.html> (fourth file in DBF for 2000).

Notes:

¹Load Management includes programs such as Direct Load Control and Interruptible Load Control, and beginning in 1997, "other types" of demand-side management programs. "Other types" are programs that limit or shift peak loads from on-peak to off-peak time periods, such as space heating and water heating storage systems.

²Energy efficiency refers to programs that are aimed at reducing the energy used by specific end-use devices and systems, typically without affecting the services provided.

Table 8.3 - Electricity Sales, Revenue, and Consumption by Census Division and State, 2000

| Census Division and State | Sales (million kWh) | Revenue (million \$) | Average Revenue (¢/kWh) | Electricity Consumption (kWh/person) | Census Division and State | Sales (million kWh) | Revenue (million \$) | Average Revenue (¢/kWh) | Electricity Consumption (kWh/person) |
|---------------------------|------------------------|-------------------------|-------------------------------|--|------------------------------|------------------------|-------------------------|-------------------------------|--|
| New England | 123,013 | 12,072 | 9.8 | 8,836 | East South Central | 304,012 | 16,034 | 5.3 | 17,859 |
| Connecticut | 29,917 | 2,849 | 9.5 | 8,785 | Alabama | 83,692 | 4,686 | 5.6 | 18,819 |
| Maine | 17,607 | 1,739 | 9.9 | 13,810 | Kentucky | 78,429 | 3,230 | 4.1 | 19,405 |
| Massachusetts | 51,197 | 4,864 | 9.5 | 8,064 | Mississippi | 45,166 | 2,680 | 5.9 | 15,877 |
| New Hampshire | 9,949 | 1,154 | 11.6 | 8,051 | Tennessee | 96,725 | 5,438 | 5.6 | 17,001 |
| Rhode Island | 8,693 | 887 | 10.2 | 8,292 | West South Central | 487,032 | 31,039 | 6.4 | 15,488 |
| Vermont | 5,651 | 578 | 10.2 | 9,282 | Arkansas | 41,435 | 2,398 | 5.8 | 15,499 |
| Middle Atlantic | 341,776 | 30,529 | 8.9 | 8,615 | Louisiana | 80,416 | 5,308 | 6.6 | 17,994 |
| New Jersey | 70,882 | 6,437 | 9.1 | 8,424 | Oklahoma | 49,480 | 2,944 | 6 | 14,339 |
| New York | 135,754 | 15,188 | 11.2 | 7,154 | Texas | 315,701 | 20,389 | 6.5 | 15,140 |
| Pennsylvania | 135,140 | 8,904 | 6.6 | 11,004 | Mountain | 222,356 | 13,201 | 5.9 | 12,236 |
| East North Central | 560,572 | 35,352 | 6.3 | 12,414 | Arizona | 61,454 | 4,412 | 7.2 | 11,978 |
| Illinois | 136,124 | 8,957 | 6.6 | 10,961 | Colorado | 43,321 | 2,598 | 6 | 10,072 |
| Indiana | 97,116 | 4,986 | 5.1 | 15,972 | Idaho | 22,862 | 959 | 4.2 | 17,668 |
| Michigan | 103,972 | 7,397 | 7.1 | 10,462 | Montana | 11,718 | 589 | 5 | 12,988 |
| Ohio | 158,672 | 10,333 | 6.5 | 13,976 | Nevada | 28,089 | 1,719 | 6.1 | 14,057 |
| Wisconsin | 64,689 | 3,680 | 5.7 | 12,061 | New Mexico | 18,953 | 1,247 | 6.6 | 10,419 |
| West North Central | 249,363 | 14,727 | 5.9 | 12,962 | Utah | 23,151 | 1,116 | 4.8 | 10,367 |
| Iowa | 38,812 | 2,272 | 5.9 | 13,263 | Wyoming | 12,807 | 561 | 4.4 | 25,937 |
| Kansas | 35,842 | 2,245 | 6.3 | 13,332 | Pacific Contiguous | 392,525 | 27,744 | 7.1 | 9,089 |
| Minnesota | 59,851 | 3,479 | 5.8 | 12,166 | California | 246,652 | 21,050 | 8.5 | 7,282 |
| Missouri | 72,882 | 4,408 | 6 | 13,026 | Oregon | 52,828 | 2,524 | 4.8 | 15,440 |
| Nebraska | 23,918 | 1,261 | 5.3 | 13,977 | Washington | 93,044 | 4,170 | 4.5 | 15,786 |
| North Dakota | 9,698 | 533 | 5.5 | 15,101 | Pacific Noncontiguous | 15,001 | 1,890 | 12.6 | 8,160 |
| South Dakota | 8,360 | 528 | 6.3 | 11,075 | Alaska | 5,321 | 531 | 10 | 8,487 |
| South Atlantic | 717,116 | 45,724 | 6.4 | 13,852 | Hawaii | 9,680 | 1,360 | 14 | 7,990 |
| Delaware | 11,137 | 759 | 6.8 | 14,213 | U.S. Total | 3,412,766 | 228,313 | 6.68 | 12,127 |
| District of Columbia | 10,633 | 799 | 7.5 | 18,587 | | | | | |

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|----------------|---------|--------|-----|--------|
| Florida | 195,278 | 13,497 | 6.9 | 12,218 |
| Georgia | 119,922 | 7,487 | 6.2 | 14,649 |
| Maryland | 60,936 | 4,113 | 6.7 | 11,505 |
| North Carolina | 118,458 | 7,711 | 6.5 | 14,717 |
| South Carolina | 76,418 | 4,193 | 5.5 | 19,047 |
| Virginia | 96,520 | 5,746 | 6 | 13,636 |
| West Virginia | 27,813 | 1,420 | 5.1 | 15,380 |

Sources: EIA, *Electric Power Annual 2000, Volume 1*, DOE/EIA-0348(2000)/1 (Washington, D.C., August 2001), Table A21 and U.S. Census Bureau PHC-T-2, April 2001, Table 1.